

LEVYENI, László; MEZSI, Arpad

Anamnestic personality tests in tuberculous patients. Tuberkulózis
12 no.8:172-175 Aug 59

1. As Országos Korányi Tbc. Intezet (igazgató-főorvos: Bossormenyi
Miklós dr. kandidátus. tudományos vezető: Foldes István dr. Kandidátus)
és a Magyar Tudományos Akadémia Gyermeklelektani Intezet (igazgató:
Molnár Imre dr.) közleménye.
(TUBERCULOUS PATIENTS, psychol)
(PSYCHOLOGICAL TESTS)

MEDVECHY, Endre; VIKERDI, László, dr.; FOLDES, István, dr.; LEVENDEL, László, dr.

Production of I^{131} -labeled purified tuberculin. Tuberkulózis. 12
no.10:217-218 0 '59.

1. Az Országos Onkopathológiai Kutató Intézet (igazgató: Kellner
Béla dr. akadémikus) és az Országos Korányi Tbc. Intézet (igazgató:
Boszormenyi Miklós dr. kandidátus, tudományos vezető: Földes
István dr. kandidátus) közleménye.
(IODINE radioactive)

FOLDES, Istvan, dr.; LÁNYI, László, dr.; VÁRDI, László, dr.;
KÖRÖSCZYK, Endre.

Studies on normal and tuberculous guinea pigs with I^{131} -labeled
purified tuberculin. Tuberkulózis 12 no.10:219-222 0 '59.

1. Az Országos Onkopathológiai Kutató Intézet (igazgató: Kellner
Bela dr. akadémikus) és az Országos Koranyi Tbc. Intézet (igazgató:
Boszormenyi Miklós dr. kandidatus; tudományos vezető: Foldes
István dr. kandidatus) közleménye.
(TUBERCULIN metabolizmus)

KABITZ, Eva, dr.; LEVENEDEL, László, dr.; Technikai munkatárs: LEHEL, Miklósné.

Paper electrophoresis of serum albumin patterns in tuberculous patients. Tuberkulózis 12 no.12:275-278 D '59.

1. Az Országos Kórházi Tbc Intézet (igazgató: Boszormenyi Miklós dr. kandidátus, tudományos vezető: Foldes István dr. kandidátus) közleménye.

(TUBERCULOSIS blood)
(SERUM ALBUMIN)

LEVENDÉL, László; MEZEI, Arpad; LÁTHAL, Csiberecsster

Incidence of traumatic experiences influencing personality development in adult pulmonary tuberculosis. Orv. hetil. 100 no.11:400-403
15 Mar 59.

1. Az Országos Korányi Tbc Intézet (igazgató főorvos: Boszormenyi Miklós dr. Kandidatus, tudományos igazgató: Foldes István dr. Kandidatus és a Magyar Tudományos Akadémia Gyermeklelektani Intézetének igazgató: Molnár Imre dr.) közleménye.

(TUBERCULOSIS, PULMONARY, psychol.

incidence of childhood traum. experiences influencing personality develop. in adult tuberc. (Hun))

(FAMILY

incidence of childhood traum. experiences influencing personality develop. in adult pulm. tuberc. (Hun))

FAUSZT, Imre, dr.: LEVENDEL, László, dr.

Studies on the relationship between body constitution and type
of the nervous system in tuberculous patients. Tuberculosis
13 no.1:4-6 Ja '60.

1. Az Országos Korányi Tbc Intézet (igazgató: Boszormenyi, Miklós,
dr. kandidátus; tud. vezető: Foldes, István, dr. kandidátus) közleménye.
(TUBERCULOUS PATIENTS)
(BODY CONSTITUTION)
(NERVOUS SYSTEM physiol.)

LEVENDEL, Iasslo; MEZEI, Arpad

Typologic investigations of tuberculous patients. Tuberkulózis
13 no.1:10-15 Ja '60.

1. Az Országos Koranyi Tbc Intezet (Igazgato-foorvos: Bossbrmenyi,
Miklos, dr. kandidatus; tudomanyos igazgato: Foldes, Istvan, dr.
kandidatus) es a Magyar Tudomanyos Akademia Gyermeklelektani Intezet
(Igazgato: Molnar, Imre, dr.) kozlemenye.

(TUBERCULOUS PATIENTS)

(NERVOUS SYSTEM physiol..)

KATONA, László, dr.; ~~LEVENDÉL~~, László, dr.; FOLDES, István, dr.; PALINKÁS, János, dr.

Use of tranquilizers in clinical tuberculosis. Tuberkulózis 13
no2:57-60 F '60.

1. A Szamuely Tibor Tbc Gyógyintézet, Budapest és az Országos Korányi
Tbc Intézet, Budapest közleménye.

(MEPROBAMATE ther.)

(TUBERCULOUS PATIENTS psychol.)

LEVENEDEL, László, dr.

Phases of the tuberculous process. Tuberkulózis 13 no.8:244-247
Ag '60.

1. Az Országos Korányi Tbc Intézet (igazgató: Bossormenyi Miklós
dr. kandidatus, tudományos vezető: Földes István dr. kandidatus)
közleménye
(TUBERCULOSIS, PULMONARY)

ABRAHAM, Ambrus, dr.; STAMMER, Aranka, dr.; FOLDES, Istvan, dr.; LEVENDÉL,
László, dr.

Neurohistological studies on the extra-genital organs and the skin
of tuberculin-treated tuberculous guinea pigs. Tuberkulózis 13
no.9:257-258 S '60.

1. A Szegedi Tudományegyetem Általános Állattani és Biológiai
Intézete (ig.: Abraham Ambrus dr. akadémikus) és az Országos
Koranyi TBC Intézet (ig.: Boszormenyi Miklós dr. kandidatus,
tudományos igazgató: Földes István dr. kandidatus) közleménye
(TUBERCULOSIS exper.)
(TUBERCULIN REACTION exper.)
(NERVOUS SYSTEM pathol.)

LEVENDEL, László, dr.; ABRAHAM, Ambrus, dr.; FOLDES, István, dr.;
VEKERTI, László, dr.; MEDVECZKY, Endre

Comparative neurohistological and radioautographical examinations
on allergic reactions caused by radiiodine-labeled tuberculin.
Tuberkulózis 13 no.9:259-261 S '60.

1. Az Oszagos Koranyi Tbc Intezet (ig.: Boszormenyi Miklos dr.
kandidatus, tudomanyos ig.: foldes Istvan dr. kandidatus),
a szegedi Tudomanyegyetem Altalanos Allatani es Biologiai Intezete
(ig.: Abraham Ambrus dr. akademikus, egyetemi tanar) es az
Onkopathologiai Kutato Intezet (ig.: Kellner Bela dr. akademikus)
kozlemenye

(TUBERCULIN REACTION exper.)
(NERVOUS SYSTEM pathol.)

FOLDES, Istvan, dr.; LEVENDEL, László, dr.; MEDVECKY, Endre; TOPERCZER,
Johanna, dr.; VEKERDI, László, dr.

Excretion in the urine of I-131-labeled tuberculin. Tuberkulózis 14
no.3:65-67 Mr '61.

1. Az Országos Korányi Tbc Intézet (igazgató: Bossormenyi Miklós dr.
kandidátus, tudományos igazgató: Foldes István dr. kandidátus és az
Onkopathológiai Kutató Intézet (igazgató: Kellner Béla dr. akadémikus)
közleménye.

(TUBERCULIN urine)

LEVENDEL, László, dr. kandidatus

On evaluation of the results of functional diagnostic procedures in pulmonary tuberculosis. Tuberkulosis 14 no.3:72-75. Mr '61.

1. Az Országos Kerényi Tbc-Intezet (igazgató: Boszormenyi Miklós dr., kandidatus, tudományos igazgató: Foldes István dr., kandidatus) közleménye.

(TUBERCULOSIS, PULMONARY diag)

LEVENDEL, László, dr. kandidatus

Compensation and evaluation of its grade in patients with pulmonary tuberculosis. Tuberkulózis 14 no.4:104-108 Ap '61.

1. Az Országos Korányi Tbc Intézet (igazgató: Boszormenyi Miklós dr., kandidatus, tudományos igazgató: Foldes István dr., kandidatus) közleménye.

(TUBERCULOSIS, PULMONARY diag)

BOSZORMENYI, Miklos, dr.; KANITZ, Eva, dr.; LEVENDEL, László, dr.; MAROTI,
Antal, dr.; SOMI-KOVACS, Tibor, dr.; SCHWEIGER, Otto, dr.; VARADY,
Tibor, dr.

Preliminary clinical observations on Trecator. Tuberkulozis 14 no.10:
292-295 0 '61.

1. Az Országos Korányi Tbc Intézet (Igazgató: Boszormenyi Miklos dr.
kandidatus, tudományos igazgató: Foldes Istvan dr. kandidatus) közleménye.

(ANTITUBERCULAR AGENTS ther)

LEVENDÉL, László, dr.; FENYŐ, István, dr.

Electroclassifier, an instrument for solving complex problems
in diagnostic classification. Orv.hetil. 102 no.7:307-310 12 F'61.

1. Az Országos Kórházi TBC intézet és a Magyar Tudományos Akadémia
Matematikai Kutató Intézete.
(AUTOMATIC DATA PROCESSING)
(DIAGNOSIS)

LAKATOS, Maria, dr.; LUKACS, László, dr.; LEVENDEL, László, dr.

Data on the origin on thoracic spasms studied by electromyography.
Orv. hetil. 102 no.48:2278-2281 26 N '61.

1. Országos Korányi Tbc Intézet és Fővárosi Tanács V.B., Heine-Medin
Utókezelő Kórház és Rendelőintézet.

(THORAX) (ELECTROMYOGRAPHY) (SPASM)

LEVENDEL, Laszlo, dr.; LAKATOS, Maria, dr.; VARADY, Tamas, dr.

The use of new tranquilizers (Frenolon, Melipramin, Hirepin) in the therapy of tuberculosis, with special reference to the alcoholic tuberculosis patients. Tuberkulozis 15 no.12:365-367 D '62.

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Borszormenyi Miklos dr., tudomanyos vezeto: Foldes Istvan dr.) es a Tbc Utokezeto Rendeles (igazgato: Szakkay Antal dr.) kozlemenye.

(TUBERCULOSIS, PULMONARY)	(TRANQUILIZING AGENTS)
(IMIPRAMINE)	(CHLORPROMAZINE) (RESERPINE) (PRCMEHAZINE)

LEVENDEL, Laszlo, dr.; LAKATOS, Maria, dr.; VARADY, Tamas, dr.

The use of new tranquilizers (Frenolon, Melipramin, Hirepin) in the therapy of tuberculosis, with special reference to the alcoholic tuberculosis patients. Tuberkulozis 15 no.12:365-367 D '62.

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Boszormenyi Miklos dr., tudomanyos vezeto: Foldes Istvan dr.) es a Tbc Utokezeslo Rendeles (igazgato: Szakkay Antal dr.) kozlemenye.

(TUBERCULOSIS, PULMONARY) (TRANQUILIZING AGENTS)
(IMIPRAMINE) (CHLORPROMAZINE) (RESERPINE) (PROMETHAZINE)

LEVENDEL, Laszlo, dr.; VARADY, Tamas, dr.; BEDE, Lidia, dr.;
KAROLYI, Alice, dr.

Therapeutic results in 180 alcoholic patients with pulmonary tuberculosis. Tuberkulozis 16 no.8:248-251 Ag '63.

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Boszormenyi Miklos dr. kandidatus, tudomanyos igazgato: Foldes Istvan dr. kandidatus) kozlemenye.

(TUBERCULOSIS, PULMONARY) (ALCOHOLISM)
(PNEUMONECTOMY) (POSTOPERATIVE COMPLICATIONS)

BEDE, Lidia, dr.; L. LAKATOS, Maria, dr.; LEVENDEL, Laszlo, dr.

Use of anabolic hormones (nerobol, nercbolil) in the treatment of tuberculosis. Tuberkulózis 16 no.12:377-378 D '63.

1. Az Országos Koranyi Tbc Intezet (igazgato: Boszormenyi Miklos dr. kandidatus, tudomanyos vezeto: Foldes Istvan dr. kandidatus) es a Fovarosi Tanacs Tbc Gondozo Intezetenek (igazgato: Szakkay Antal dr.) kozlemenye.

KALLIOS, Zsuzsa, dr.; LAKATOS, Maria, dr.; DVENDEL, Laszlo, dr.

Data to the institutional treatment of "incurable" and "cured"
patients. Tuberkulózis 16 no.12:378-381 D '63.

1. Orszagos Koranyi Tbc Intezet (Igazgato: Beszormenyi Miklos dr.
kandidatus, tudomanyos vezeto: Foldes Istvan dr. kandidatus) kozle-
menye.

Psychiatry

HUNGARY

LEVENDEL, Laszlo, Dr., Department Head and Physician-in-Chief at the Thirteenth Department of Internal Medicine (XIII Belosztaly) of the National Koranyi Institute for Tuberculosis (Orszagos Koranyi Tbc Intezet)[location not given](Director: BOSZORMENYI, Miklos, Dr.; Scientific Director: FOLDES, Istvan, Dr.).

Some Medical Aspects of the Fight Against Alcoholism in Hungary"

Budapest, Orvosi Hetilap, Vol 107, No 30, 24 Jul 1966, pp 1417-1421.

Abstract: This review discusses the consideration of alcoholism as a medical problem, effect of phase of disease on the prognosis of alcoholism therapy, organizational problems of the fight against alcoholism, and personal problems of the fight against alcoholism. 54 references, including 31 Hungarian, 7 German, 1 Czechoslovak, and 15 Western.

14(9)

SOV/95-59-4-8/12

AUTHORS: Levendeyev, A.F., Osovets, I.V., Kalnin, O.Zh., Engineers

TITLE: Method of Trenchless Gas Pipeline Laying in Cities (Opyt bestransheyroy prokladki gorodskikh gazoprovodov)

PERIODICAL: Stroitel'stvo truboprovodov, 1959, Nr 4, pp 23-25 (USSR)

ABSTRACT: The Ukgorgazstroy has developed two methods of underground pipe laying without digging of trenches, -one is by piercing and the other by drilling. After a pit has been dug in which the machine is placed, the piercing is done by means of a mechanism operated by hand, which drives a cone shaped tool in horizontal direction through the soil, the movement being brought about by a screw spindle with ratchet gearing actuated by a hand lever. This machine designed by L.A. Chechel'nitskiy is intended for pipes up to 150 mm diameter, it has a capacity of 3m/hr and requires 2 attendants. Each movement to and fro of the lever pushes the pipe with the cone-shaped end piece 3 mm further into the soil. The other model, a horizontal boring machine also designed by L.A. Chechel'nitskiy, is intended for pipes up to 800 mm; it consists of a frame, a cutter, a carriage with mounted

Card 1/2

Method of Trenchless Gas Pipeline Laying in Cities

SOV/95-59-4-8/12

mechanisms, a set of endless screws and guides. The machine is equipped with a 14 kw electric motor and has a capacity of 3.41 cm/minute. The horizontal boring machine designed by V.G. Maydanov is intended for pipes up to 250 mm diameter. The machine works on the same principle as the one designed by Chechel'nitskiy with the difference that instead of electric drive this machine is equipped with a hand driven mechanism with bevel gears; it has a capacity of 5 cm/minute.

There are: 1 schematic diagram and 5 photos.

Card 2/2

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IEVENETS, A.K., aspirant

Treatment of complications associated with perforation of Highmore's
sinus following a tooth extraction operation. Trudy TSU 64:190-195
'63. (MIRA 17:5)

LEVNETS, A.M., dorozhnyy master.

~~_____~~ A track foreman's proposals. Put' i put. khoz. no.5:22 My '57.
(MLRA 10:6)

1. St. Bam Amurskoy dorogi.
(Railroads--Track)

LEVENETS, I. P.

Bee Culture

Strength of colonies, their wintering and productivity. Pchelovodstvo 29 No. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

LEVENETS, I.P., YAKONCHUK, F.I.

Bee Culture - Orlov Province

How progressive beekeepers of Orlov Province winter bees. Pchelovodstvo 29 no. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

1. LEVENETS, I.P.

2. USSR (600)

4. Bee Culture

7. Wintering bees in hive houses. Pchelovodstvo. 29. no. 11. 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

USSR / Farm Animals. Honeybee

Q-7

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 64587

Author : Lovenets, I. P.; Pel'menev, V. K.
Inst : Ukrainian Experimental Station of Apiculture
Title : Effect on Honeybees of Poisonous Chemicals Used in Combatting
Noxious Insects and Weeds and Measures for Protecting Bees
from Poisoning.

Orig Pub : Sb. nauchn. tr. Ukr. opyt. st. pchelovodstva, 1957, vyp.
1, 77-92.

Abstract : Field experiments established that when honeybees were working
on plants sprayed with 5.5% of DDT with a dose of 10 kg. per
1 ha., the loss of collecting-bees was insignificant during
the first 2-3 days after spraying. No loss of hive-dwelling
bees, brood and queens was observed. GKhtsG preparation
does not repel honeybees, kills the collecting-bees, and

Card 1/2

USSR / Farm Animals. The Honeybee.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7393

Author : Levenets, I. P.
Inst : Ukrainian Experimental Station of Apiculture
Title : The Length of Time a Conditioned Reflex to
the Location of the Beehive is Preserved in
Bees

Orig Pub : Pchelovodstvo, 1958, No 4, 28-30

Abstract : In experiments which were conducted at the
Ukrainian experimental station of apiculture,
a correlation was established between the du-
ration of a temporary preliminary isolation
of bees in the beehive and the number of bees
that flew off and returned after the beehives
were shifted within the boundaries of the api-
ary. If we assume that after one day of isola-

Card 1/2

65

ZVYAGINTSEV, A.F.; IVANOV, Yu.N.; KAZAKOV, V.E.; STETSENKO, A.M.;
SOLOMOVICH, M.Ya.; KORZH, V.I.; DASHKEVICH, A.A.; Prinsipali
uchastnye: LIPTSEN, S.Kh.; RYZHIKOV, A.P.; STAL'NOKRITSKIY,
V.N.; LEVENETS, L.Ya.; MOGILA, V.A.; KOVAL', A.A.; VLASOV, V.F.;
ROSHCHIN, A.G.; RAYKO, V.P.; KORNIYENKO, V.G.; PANTYUSHKIN, N.V.

Investigating the possibility of manufacturing all-rolled
electric locomotive wheels with existing equipment. Kuz.-shtam.
proizv. 5 no.11:11-14 N '63.

(MIRA 17:1)

15

LEVENETS, M.V.

The influence of erosion on the soil-forming processes of the ancient and present terraces in central watershed of the Ural River. M. V. Levenets. Akad. Nauk. S. S. S. R., Pechenepi Inst. Detruskova: Erosion Pechi (Soil Erosion, Detruskova Soil Inst.) 1977, 77-101. From the data on the humus content, carbonates and absorbed Ca and Mg, L. attempts to deduce the norm of erosion on the saline and normal chestnut-brown soils of the region. I. S. Jode

ASB-55A METALLURGICAL LITERATURE CLASSIFICATION

101000 111 000 001

001111 001

101000 111 000 001

001111 001 001 001

LEVENETS, M. V.

"Soil-Improvement Characteristics of the Podsolie-Gley, Lightly Cultivated, Heavily Argillaceous Soils Occurring on Layers of Clay in Leningradskaya Oblast." Cand Biol Sci, Leningrad Order of Lenin State U imeni A. A. Zhdanov, Leningrad, 1955. (KL, No 8, Feb 55)

SO: Sum. No 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

LEVENETS, M.V., kand. biolog. nauk

Improving physicochemical and biological properties of subsoil.
Trudy SevNIIGIM no.12:189-209 '57. (MIRA 12:10)
(Soil stabilization)

YEVDOKIMOVA, V.I., kand.sel'skokhozyaystvennykh nauk; LEVENETS, M.V.,
kand.biolog.nauk

Effect of compaction on water stability of soils. Trudy SevNIIGIM
no.14:107-125 '58. (MIRA 13:6)
(Soil stabilization) (Drainage)

LEVENETS, N.I., inzh.-tekhnolog

Elimination of overdischarges across the flexible sleeve of a
pantograph. Elek. i tepl. tiaga no.1:19 Ja '61. (MIRA 14:3)

1. Depo Chelyabinsk, Yuzhno-Ural'skoy dorogi.
(Electric locomotives)

LEVENETS, N.I.

A dynamic efficiency expert. Elek. i tepl. tiaga 7 no.6:9
Je '63. (MIRA 16:9)

1. Master tsekha periodicheskogo remonta elektrovozov depo
Chelyabinsk.

(Railroads—Employees)

LEVENETS, N. P.

"Investigation of the Oxidation of Phosphorus in Liquid Iron and the Effect of Phosphorus on the Solubility of Oxygen in Fusions of Iron and Chromium and Nickel." Cand Tech Sci, Inst of Metallurgy imeni A.A. Baykov, Acad Sci USSR, Moscow, 1954. (KL, No 15, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

USSR/Engineering - Metallurgy

FD-4751

Card 1/1

Pub 41 - 12/16

Author

: Levenets, N. P., and Samarin, A. M., Moscow

Title

: The effect of phosphorus on the solubility of oxygen in molten iron and chromium, and in iron and nickel

Periodical

: Izv. AN SSSR, Otd. Tekh. Nauk 5, 133-138, May 1955

Abstract

: Determines the solubility of oxygen in molten iron, containing phosphorus and chromium or phosphorus and nickel. Particularly in observing the oxidizing effect that chrome and nickel have on phosphorous. The conclusions are: increasing phosphorus content up to 1.2% in iron and chromium induces higher solubility of oxygen; temperature has little effect on solubility of oxygen; in fusion of iron, chromium and phosphorus, the phosphorus oxidizes along with chromium; solubility of oxygen in iron-nickel increases with addition of phosphorus; presence of 1% nickel in iron, containing up to 0.7% phosphorus causes lower solubility of oxygen; in fusing iron, nickel and phosphorus, the oxidation of phosphorus and nickel causes formation of iron-phosphates, nickel phosphates and nickel-oxides. Micro-photographs, graphs, tables. Two references all USSR.

Institution

:

Submitted

: December 30, 1954

LEVENETS N. P.

USSR/ Chemistry - Chemical technology

Card 1/1 Pub. 22 - 30/47

Authors : Levenets, N. P., and Samarin, A. M., Memb. Corros., Acad. Sc., USSR

Title : Oxidation of P dissolved in liquid Fe and the effect of P on the solubility of O

Periodical : Dok. AN SSSR 101/6, 1089 - 1092, Apr. 21, 1955

Abstract : It is shown that the degree and rate of oxidation of P dissolved in liquid Fe can be established by determining first the solubility of O in liquid P-containing Fe. The effect of temperature on P oxidation is discussed. The change in activities of O and P dissolved in liquid Fe is explained by the fact that other P-O compounds are being formed in addition to the conventional iron thiophosphate. Thermodynamic data regarding the reaction of oxidation of P are included. Two USA references (1949-1954). Graphs.

Institution : Acad. of Sc., USSR, The A. A. Baykov Inst. of Metallurgy

Submitted : December 2, 1954

LEVENETS, N.P., SAMARIN, A.M.

"Investigation of the Oxygen Refining of the High Phosphor Pig-Iron in Small Capacity Converters,"
lecture given at the Fourth Conference on Steelmaking, A.A. Baikov Institute of Metallurgy, Moscow, July 1-6, 1957

LEVENETS, N. P.

137-1958-1-226

*Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 35 (USSR)

AUTHORS: Levenets, N.P., Samarin, A.M.

TITLE: An Investigation of the Oxidation of Phosphorus Dissolved in Molten Iron (Issledovaniye okisleniya fosfora, rastvorennogo v zhidkom zheleze)

PERIODICAL: V sb.: Fiz.-khim. osnovy proiz-va stali. Moscow, AN SSSR, 1957, pp 226-224, Diskus. pp 332-334

ABSTRACT: An investigation of the equilibrium of the oxidation of P in molten Fe was conducted in the presence of the gaseous phase $H_2 + H_2O$. A drawing of an experimental apparatus for the study of the state of equilibrium in the gas-metal-oxide system is adduced. A study was made of non-metallic impurities when the P content of the metal was 0.02-3%. The effect of P on the solubility of O in liquid Fe was determined. A quantitative evaluation of the de-oxidizing capacity of P is offered. In liquid Fe containing up to 1.2% P, the product of P oxidation is an Fe phosphate, and the reaction is as follows: $2[P] + 8[O] + 3Fe_{(liq)} \rightleftharpoons (FeO)_3 P_2O_5_{(liq)}$
 $\Delta F^0 = -383,500 + 142.6 T$; $\log K = 84,200/T - 31.1$. When
 Card 1/2 the P content of the Fe exceeds 1.2%, P_2O_5 is formed along

137-1958-1-226

An Investigation of the Oxidation of Phosphorus (cont.)

with the Fe phosphate, and the reaction may be described by the equation: $4[P] + 13[O] + 3Fe_{(liq)} \rightleftharpoons (FeO)_3 P_2O_5_{(liq)} + [P_2O_5]$; $\Delta F^0 = -531,000 + 266.5 T$; $\log K = 118,000/T - 58.2$.

The P dissolved in the liquid Fe causes a slight reduction in the coefficient of activity of the O. The effect of P on the activity of the O dissolved in the liquid Fe is determined by the equation:

$$\log f_O^P = -0.044 [\%P].$$

The O dissolved in the molten Fe also

reduces the coefficient of activity of the P to an insignificant degree. The effect of the O on the activity of the P dissolved in the liquid Fe is determined by the equation

$$\log f_O^P = -0.0852 [\%O].$$

I.P.

1. Iron (liquid)--Oxygen solubility--Effects of phosphorus 2. Phosphorus--Oxidation reactions 3. Oxygen solubility--Analysis

Card 2/2

LEVENETS, N. P.

КОНСПЕКТНОЕ ПРОИЗВОДСТВО СТАЛИ

В.М.Восточников	Исследования влияния содержания в стали кремния и марганца на свойства
В.М.Побережко	Лабораторные работы по влиянию
М.П.Левченко	предварительные исследования
А.М.Савин	
М.П.Савин	Исследования по влиянию гидролиза
В.П.Воробьев	на свойства стали.
М.П.Ковалев	Получение чугуна с повышенным содержанием
	сера и фосфора в лабораторных условиях
М.М.Шульц	Выработка стали с повышенным содержанием
	сера и фосфора.
Т.А.Азаров	Особенности поведения чугуна
В.Б.Гуров	при деформации, деформация и
В.Б.Савин	обработка чугуна при нагревании
	в условиях деформации
В.М.Восточников	Исследования влияния содержания
В.А.Дубинин	сера и фосфора на свойства
	стали.
А.М.Савин	Содержание серы в стали
А.С.Савин	и влияние содержания серы на свойства
	стали.
С.Г.Азаров	Исследования влияния содержания
М.М.Шульц	сера и фосфора на свойства
М.П.Ковалев	стали.

report submitted for the 3th Physical Chemical Conference on Steel Production, Moscow-- 30 Jan 1959.

SOV/148-59-1-3/19

18(3)

AUTHORS:

Samarin, A.M., Professor, Corresponding Member of AS USSR;
Polyakov, A.Yu., Doctor of Technical Sciences, Docent; Lave-
nets, N.P., Candidate of Technical Sciences; and Pobegaylo,
V.M., Engineer

TITLE:

Development of an Efficient Technology for the Reduction of
Kerch' Cast Iron (Razrabotka ratsional'noy tekhnologii pere-
dela kerchenskikh chugunov)

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy - Chernaya metallurgiya,
1959, Nr 1, pp 23-34 (USSR)

ABSTRACT:

Experiments were carried out at the Institute of Metallurgy
imeni A.A. Baykov for the purpose of finding an efficient
technology of cast iron reduction permitting to obtain high-
quality reduction products, such as steel with a low nitrogen
and phosphorus content, vanadium slags with a high vanadium
content and phosphate slags with a high phosphorus concentra-
tion. The cast iron reduction is planned to be carried out in
two stages: by low temperature air blowing-through of the
cast iron, for the purpose of vanadium and silicon extraction,
and by high-temperature oxygen blowing-through of the semi-

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Development of an Efficient Technology for the Reduction of Kerch' Cast Iron

product with addition of lime. The experiments are described
in detail and the following conclusions are made: to ensure
favorable conditions of devanadization, the cast iron must not
contain over 0.40% Si and not over 1.30% Mn. Low temperature
air blowing-through ensures a complete vanadium oxidation reac-
tion within 4 to 5 minutes. The process has to be carried out
on a magnesite lining without addition of slag-forming elements
into the converter. Chilling of the pool during the blowing-
through process is performed by immersion of the water-cooled
tuyeres into liquid metal, or by humid air blast. Vanadium slags
with not over 15% silica content and a corresponding P_2O_5 con-
tent, equal to 12-18%, can be concentrated in order to obtain
vanadium concentrates with a similar vanadium content as slags
obtained by blowing-through of titanium-magnetite cast iron
(according to experiments carried out by V.Ya. Shevtsova at
the analytical laboratory of this Institute). The developed
technological parameters of semi-product reduction ensure the
production of low and medium carbon steel with not over 0.040%
phosphorus and not over 0.004% nitrogen content. Owing to the
use of semi-products with a high phosphorus content which are

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LEVENE IS, A. P.

PHASE I BOOK EXPLOITATION

SOV/4558

SOV/16-S-5

Akademiya nauk SSSR. Institut metallurgii

Metallurgiya, metallovedeniye, fiziko-khimicheskiye metody issledovaniya
(Physicochemical Research Methods in Metallurgy and Metal Science) Moscow,
Izd-vo AN SSSR, 1960. 251 p. (Series: Its: Trudy, vyp. 5) Errata slip
inserted. 2,800 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut metallurgii imeni A.A. Baykova.

Resp. Ed.: I.P. Bardin, Academician (Deceased); Ed. of Publishing House:
V.A. Klimov; Tech. Ed.: T.P. Polenova.

PURPOSE: This collection of articles is intended for metallurgists and metal
researchers.

COVERAGE: The collection contains articles on metallurgy, metal science, and
physicochemical research methods. Separate articles discuss the structure
and properties of some metals and alloys. The effect of cold treatment and
inclusions on the properties of alloys are analyzed, and instruments and

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Physicochemical Research Methods (Cont.)

SOV/4558

methods used in investigating the processes occurring in metals and alloys are described. No personalities are mentioned. References accompany most of the articles.

TABLE OF CONTENTS:

Zhilo, N.J., and L.M. Tsylev. Metallurgical Properties of the Kurskaya Magnetic Anomaly, the Krivorozhskiy, and the Makeyevskiy Agglomerates	3
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Kulikov, I.S., and A.M. Samarin. Study of the Sulfur Absorption Capacity of Magnesium Oxide and Calcium Oxide	16
Foryst, Yu. T., V.A. Mchedlishvili, and A.M. Samarin. Effect of Deoxidation by a Complex Alloy of Manganese, Silicon, and Aluminum on the Content and Composition of Oxide Inclusions in Steel	22
Khlebnikov, A. Ye. On the Problem of Utilizing the Results of Mechanical Tests for Evaluating the Technology of Smelting and Casting of Steel	36

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S/509/60/000/004/003/024
E111/E152

AUTHORS: Levenets, N.P., and Pobegaylo, V.M.

TITLE: Design and Investigation of the Operation of a
Small-Capacity Converter

PERIODICAL: Akademika nauk SSSR. Institut metallurgii.
Trudy, No.4, 1960. Metallurgiya, metallovedeniye,
fiziko-khimicheskiye metody issledovaniya, pp. 67-73

TEXT: In view of the difficulties involved in experiments on full scale converters and the growing importance of this process, various small-scale researches have been carried out (Refs 1-4). According to A. Fischer and M. Wahlster (Ref.4) and V.V. Kondakov (Ref.5) these have been shown to give results representative of full scale practice. The present authors point out that hardly any laboratory scale work has been done on top blowing with pure oxygen. They describe a 30-35 kg capacity converter developed for this purpose in 1956 at the Institut metallurgii imeni A.A. Baykova AN SSSR (Institute of Metallurgy imeni A.A. Baykov AS USSR). Melting is effected by induction heating using a rotary generator and a type ПБ -50 (PV-50) frequency

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E111/E152

Design and Investigation of the Operation of a Small-Capacity Converter

changer designed for 50 kg of metal. The vessel consists of a crucible of a rammed magnesite (from used brick) with boric-acid binder. A fireclay ring is firmly attached to the top plate of the inductor to form a continuation of the crucible (magnesite/water-glass joint). The top of the converter is fireclay-lined and easily removable for metal sampling and temperature measurement. The copper brazed lance is efficiently water-cooled; it is counter balanced and can be moved with the aid of a type MYH-2 (MUN-2) 80-watt, 2200 rpm motor. Oxygen flow (up to 200 litres/min) is measured with a type 205 (RS5) rotameter. Cylinder oxygen is used. A Sirocco Nr.4 fan is used for fume removal. During converter operation the metal temperature was maintained with the aid of the inductor (stirring effect negligible). The lance (6 mm diameter opening) is vertical 20-30 mm above the metal surface and oxygen flow was kept at 150 litres/min. No effect of bath depth on results was found. All slag-forming materials were added as lumps smaller than 5 mm. The heat was tapped 1-2 min after

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E111/E152

Design and Investigation of the Operation of a Small-Capacity Converter

the luminous flame had died down; the steel was killed and poured into 15-kg ingot moulds and weighed. In the first group of trials pig iron with about 4.0% C, 0.6 Si, 1.5 Mn, 0.17 P and 0.048 S, was used with 6% lime, 1 ore and 1-1.2 bauxite. Fig.3 shows the composition changes as functions of blowing time (% of total, total 12 minutes). Steel composition was 0.10% C, 0.04 Si, 0.20 Mn, 0.020 P, 0.032 S, 0.0030-0.0050 N, and the yield 85%. For comparison, the results obtained by H. Trenkler and K. Rosner (Ref.6) for a 30 ton furnace with a total blowing time of 20 min are plotted in Fig.4. In the second group, phosphoric Kerch pig iron (about 3.8% C, 0.45 Si, 1.40 Mn, 1.80 P, 0.080 S) was used. For the first 9 minutes lime (10%) was added with 2-3% iron ore. Composition of metal and slag and metal temperature in a typical heat are shown as functions of blowing time (minutes) in Fig.5. The steel contained about 0.7% C, 0.050 P and 0.0040 N. Results obtained confirm that laboratory tests can reproduce full-scale conditions adequately.

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LEVENETS, N^P

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PHASE I BOOK EXPLOITATION

SOV/5411

Konferentsiya po fiziko-khimicheskim osnovam proizvodstva stali. 5th,
Moscow, 1959.

Fiziko-khimicheskiye osnovy proizvodstva stali; trudy konferentsii
(Physicochemical Bases of Steel Making; Transactions of the
Fifth Conference on the Physicochemical Bases of Steelmaking)
Moscow, Metallurgizdat, 1961. 512 p. Errata slip inserted.
3,700 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut metallurgii imeni
A. A. Baykova.

Responsible Ed.: A. M. Samarin, Corresponding Member, Academy
of Sciences USSR; Ed. of Publishing House: Ya. D. Rozentsveyg.
Tech. Ed.: V. V. Mikhaylova.

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115

Physicochemical Bases of (Cont.)

SOV/5411

PURPOSE: This collection of articles is intended for engineers and technicians of metallurgical and machine-building plants, senior students of schools of higher education, staff members of design bureaus and planning institutes, and scientific research workers.

COVERAGE: The collection contains reports presented at the fifth annual convention devoted to the review of the physicochemical bases of the steelmaking process. These reports deal with problems of the mechanism and kinetics of reactions taking place in the molten metal in steelmaking furnaces. The following are also discussed: problems involved in the production of alloyed steel, the structure of the ingot, the mechanism of solidification, and the converter steelmaking process. The articles contain conclusions drawn from the results of experimental studies, and are accompanied by references of which most are Soviet.

Card 2/18

Physicochemical Bases of (Cont.)

SOV/5411

Dynamics of Processes in the Converter Molten Metal 227

Levenets, N. P., V. M. Pobegaylo, A. M. Samarin, and A. Ye. Khlebnikov. Laboratory Experiments in Blowing Naturally Alloyed Pig Irons 237

[Correct title in the text: Oxidation of Chromium and Phosphorus in Oxygen Top-Blowing of Metal]

Sobakin, M. P., and Ya. D., Verbitskiy, Study by Modeling of the Molten-Metal Hydrodynamics in a Converter During Decarburization 245

[Senior Engineer V. N. Shashkov and Foreman M. Ye. Novikov participated in the research work]

Kvitko, M. P. Processing of Pig Iron With a High Manganese Content (4%-8%) in a Converter With the Use of the Oxygen [Blast] 256

Card 10/16

LEVENETS, N.P.; POBEGAYLO, V.M.; SAMARIN, A.M.; KHLEBNIKOV, A.Ye.

Experiments in oxygen blowing of Khalilovo cast iron. Trudy Inst.
met. no.11:31-35 '62. (MIRA 16:5)
(Khalilovo—Cast iron) (Oxygen—Industrial applications)

KAZANSKIY, V.V. (Moskva); LEVENETS, N.P. (Moskva); AFANAS'YEV, S.G.
(Moskva); SHUMOV, N.M. (Moskva)

Viscosity of phosphate slags in the oxygen-blown converter
process. Izv. AN SSSR. Met. i gor. delo no.6:64-69 N-D '64.
(MIRA 18:3)

VOLKOV, S.Ye. (Moskva); LEVENETS, N.P. (Moskva); SAMARIN, A.M. (Moskva)

Combined effect of phosphorus and oxygen on the surface tension
of liquid iron. Izv. AN SSSR. Met. no.1:71-77 Ja-F '65. (MIRA 18:5)

1. LEVENETS, P.P.
2. USSR (600)
4. Agricultural Education
7. Increasing the qualification of agronomists in production, Sov.agron. 11 no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953. Unclassified.

LEVENETS, P.P.

Using radioactive isotope P^{32} for investigating the movement of phosphoric acid in deep Chernozems. Pochvovedenie no. 2:74-78
P '61. (MIRA 14:2)

1. Khar'kovskiy sel'skokhozyaystvennyy institut im. V.V.
Dokuchayeva.
(Soils—Phosphorus content) (Phosphorus—Isotopes)

LEVENETS, V.A.

Surgical treatment of developmental defects in the anus and rectum.
Zdrav.Tadzh. 9 no.4:25-27 J1-Ag '62. (MIRA 15:11)

1. Iz kafedry gosspital'noy khirurgii (zav. - prof. N.Z.Monakov)
Tadzhikskogo meditsinskogo institut im. Abuali ibni Sino.
(ANUS--SURGERY) (RECTUM--SURGERY)

LEVENETS, V.A.; TKACHENKO, B.A.

Treatment of harelip in children. Trudy Tadzh. med. inst. 50:
1961. (MIRA 17:8)

1. Iz kafedry gosspital'noy khirurgii (zav. - prof. N.Z. Monakov)
Tadzhikskogo gosudarstvennogo meditsinskogo instituta imeni Abuali
Ibn-Sino.

BOGDANOV, F.R., prof. (Kiyev, ul. Vladimirsakaya, d.9, kv.10), LEVENETS, V.N.,
nauchn. sotrudnik

Use of a bone-cartilate preserved homotransplat in plastic
surgery of the coxofemoral joint; preliminary report. Nov.
khir.arkh. no.4:31-35 '62.

(MIRA 15:5)

1. Chlen-korrespondent AMN SSSR (for Bogdanov,.
(HIP JOINT--SURGERY) (BONE GRAFTING)
(CARTILAGE--TRANSPLANTATION)

LEVENETS, V.N., starshiy nauchnyy sotrudnik; ZALOZNYI, Yu.G.

Tatiana Sergeevna Zhevakhova, 1903 - . Ortop., travm.i protez. 24
no.9:73 S '63. (MIRA 17:4)

1. Oblastnoy ortoped-travmatolog Cherkasskoy oblasti (for Zalozny).

ALEKSEYENKO, I.P., dotsent; LEVENETS, V.N., kand. med. nauk; KRUK, Z.V.

State of the medical care for invalids of the Great Patriotic War
in the Ukrainian S. S. R. Ortop., travm. i protez. 26 no.2:42-46
F '65. (MIRA 18:5)

1. Adres avtorov: Kiyev, ul. Vorovskogo, d.27, Institut Ortopedii
i travmatologii.

LEVENETS, V.O. [Levenets', V.O.]

Always in search for new inventions. Mekh. sil'. hosp. 12 no. 2:6-7
F '61. (MIRA 14:4)

1. Glavnyy inzh. Frunzenskoy remontno-tekhnicheskoy stantsii.
(Kherson Province--Repair and supply stations)

GLUSHKO, V.V.; KAREV, A.P.; LEVENETS, V.P.

.. Noncontact remote control of magnetic starters of mining machinery and mechanisms. Avtom. i prib. no.4:16-17 O-D '63.

(MIRA 16:12)

1. Luganskiy filial Instituta avtomatiki Donetskogo soveta narodnogo khozyaystva.

LEVENETS-KUZNETSOVA, Ye.Ye.

Age and sex related structure of tuberculosis incidence,
susceptibility to it and mortality from this disease.
Probl.tub. no.8:6-12'62. (MIRA 16:9)

1. Iz Respublikanskoy protivotuberkuleznogo dispansera Lat-
viyskoy SSR (glavnyy vrach Ye.Ye. Levenets- Kuznetsova).
(LATVIA--TUBERCULOSIS)

LEVENFISH, Genrikh, professor

Problem of preventing hearing disorders and deafness. Vest.oto-
rin. 18 no.4:11-19 J1-Ag '56. (MLRA 9:9)

1. Is oto-laringologicheskoy kliniki Meditsinskoy akademii v
Varghaye.

(HEARING DISORDERS, prevention and control,
(Rus))

KHEYFETS, V.L.; ROTINYAN, A.L.; KALGANOVA, O.P.; LEVENFISH, P.G.

Rules of a simultaneous electrochemical discharge of a basic metal
and admixtures, the depolarisation effect taken into account. Zhur.
prikl.khim. 34 no.7:1519-1528 J1 '61. (MIRA 14:7)
(Electroplating) (Polarisation (Electricity))

SOV-120-58-1-26/43

AUTHORS: Dmitriyev, A. B. and ~~Leven-Fisher, N. P.~~

TITLE: An Apparatus for the Supply of Pure Noble Gases under High Pressure (Apparatura dlya polucheniya chistykh blagorodnykh gazov pod bol'shim davleniyem)

PERIODICAL: Pribury i Tekhnika Eksperimenta, 1958, Nr 1, pp 109-116 (USSR)

ABSTRACT: A description is given of an apparatus for supplying pure noble gases (He, Ne, Ar, Kr, Xe) under a pressure of 75 atm and the equipment necessary in the use of these gases. The apparatus delivers gases containing less than 0.001% of impurities. The development of the apparatus was begun in 1953. Two of the vacuum valves which were used are shown in Figs. 1 and 2. They can be used up to 50-75 atm. Fig. 3 shows a reducing valve which was used to reduce the pressure in transferring the gas to a glass container. The reducer lowers the pressure from 70 atm to 200 mm and can be evacuated to a pressure of 10^{-5} mm Hg. Fig. 4 shows a gas reservoir having a capacity of 0.75 l at a pressure of 75 atm. Details of the setup used in chemical purification are given and are illustrated in Figs. 5 and 6. Chemical purification was carried out as follows. The gas from the reservoir (Fig. 5) was passed through a reducer into a glass rheometer and then

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SOV-120-58-1-26/43

An Apparatus for the Supply of Pure Noble Gases under High Pressure.

through three holders. The first holder contains porous copper at 450°C and absorbs oxygen, the second holder contains calcium at 700°C and absorbs nitrogen, carbon dioxide and the residual oxygen, and the third holder contains copper oxide at 450°C and absorbs hydrogen (with the formation of water vapour). After the chemical purification the gas is cooled down to about -175°C which removes water vapour and is then stored in steel cylinders at liquid nitrogen temperature. A device for purification by adsorption is shown in Fig.8. It can be used to obtain pure neon from a mixture of nitrogen, neon and helium, and pure helium from a product containing 99.7% He. The apparatus works in an eight hour cycle giving 200 l of pure neon per

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SOV-120-58-1-26/43

An Apparatus for the Supply of Pure Noble Gases under High Pressure.
cycle, the helium impurity being less than 0.5%. There are
13 figures, no tables and 7 Soviet references.

SUBMITTED: May 20, 1957.

1. Gases--Handling
2. Gases--Pressure
3. Gases--Purification
4. Gases--Storage

Card 3/3

LEVENFISZ - WOJNAROWSKA, T.

POLAND/Pharmacology - Toxicology, Metal Containing Compounds.

U-8

Abs Jour : Ref Zhur - Biol., No 3, 1958, 13087

Author : Levenfisz-Wojnarowska, T., Zygiert, Z.

Inst : ~~Instytut Farmakologii i Toksikologii~~

Title : The Treatment of Chronic Articular Rheumatism in Children with Gold Preparations.

Orig Pub : Polskie arch. med. weterz., 1955, 25, No 62, 1285-1292

Abstract : Six patients (6-12 years old) with chronic articular rheumatism were treated with oil preparations of gold (Solgonal B). The medication was injected intramuscularly in a dose of 4-8 mg. q.d., 36-82 mg. per course of treatment. One patient was clinically cured and another significantly improved. Side effects were noted in 4 patients; in two patients-albuminuria and hematuria, which disappeared soon after cessation of the treatment, in one patient-hemorrhagic diathesis and in another patient - a papular eruption. The authors believe that the

Card 1/2

LEVENIKH, D.P.; IPPA, Yu.A.

Calculation of the thermal stresses of concrete masonry of the dam
of the Krasnoyarsk Hydroelectric Power Station. Trudy Leningradskogo
no.1:45-68 '64. (MIRA 18:10)

KONSTANTINOV, A.R.; GOYSA, N.I.; KUDINA, A.V.; LEVENKO, A.A.

Calculation of the delay of temperature and humidity in the diurnal
and seasonal variation at a height of 2 m. Trudy UkrNIIGI no.41:95-
115 '64. (MIRA 18:1)

VOLYNETS, L.M.; LEVENKO, A.A.; MARKOVICH, M.L.; MUCHNIK, V.M.

Radar observation as a method for studying the influence
on supercooled strati. Meteor. i gidrol. no.10:3-9 0 '63.

(MIRA 16:11)

1. Ukrainskiy nauchno-issledovatel'skiy gidrometeorologicheskiy
institut.

L 10680-65 EWT(1)/EWG(v)/FCC Pe-5/Pae-2 ESD(t) GW
ACCESSION NR: AT4046360 8/2599/64/000/041/0095/0115

AUTHOR: Konstantinov, A.R., Goyss, N.I., Kudina, A.V., Levenko, A.A. B

TITLE: Consideration of lags in the temperature and humidity of the air for diurnal and seasonal variations at a height of 2 meters

SOURCE: K'iev. Ukrainskiy nauchno-issledovatel'skiy gidrometeorologicheskii institut. Trudy*, no. 41, 1964. Voprosy* teplovogo i vodnogo balansa (Problems of heat and water balance), 95-115

TOPIC TAGS: atmospheric humidity, atmospheric temperature, diurnal temperature variation, seasonal temperature variation, diurnal humidity variation, seasonal humidity variation, temperature lag, humidity lag, lower atmosphere, weather forecasting

ABSTRACT: At meteorological stations, all variables are measured at one height, the temperature and humidity at other heights being obtained indirectly by also measuring them at ground level and thus obtaining the gradient. The authors discuss the method hitherto used for correcting diurnal variations by noting the difference between an idealized, symmetrical curve (with respect to noon) and the actual curve observed at various times. This gives a stationary relationship between soil and air temperature, that is, a profile of

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ACCESSION NR: AT4046360

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temperature between the two levels, and likewise for humidity. This and a similar method used for seasonal corrections do not make proper allowance for turbulent heat exchange. The correct method must start with the actual time required for a change at ground level to appear at a height of 2 meters, the surface temperature not being averaged over time, but measured at an instant of time, by some lagless method. The present paper discusses in detail some of the quantitative results previously reported by N I Goyza, the radiation balance appearing as the most useful parameter for indicating seasonal variations in the temperature of the underlying surface. Seasonal and regional effects are then discussed, anomalous results being found when there is snow cover. Correction of the radiation balance is based on the albedo of large areas. The corrections in each month are dependent on air temperature and somewhat less on humidity. Numerous graphs are shown as well as extensive tables to supplement the use of these graphs in making corrections. Orig. art. has: 4 tables, 8 figures and 1 equation.

ASSOCIATION: Ukrainskiy nauchno-issledovatel'skiy gidrometeorologicheskii institut,
Kiev (Ukrainian Hydrometeorological Scientific Research Institute)

Card 2/3

L 10680-65

ACCESSION NR: AT4046360

SUBMITTED: 00

ENCL: 00

SUB CODE: E8

NO REF SOV: 011

OTHER: 000

Card 3/3

LEVINKO, A.I.

Stratigraphy of Devonian sediments in the Rudnyy Altai. Bul. MOIP.
Otd. geol. 26 no.1:69-83 '51. (MIRA 11:5)
(Altai Mountains--Geology, Stratigraphic)

LEVENKO, A. I.

USSR/Geology

Card 1/1 Pub. 22 - 36/47

Authors : Levenko, A. I., and Protopopova, M. V.

Title :
The stratigraphy and the expansion of Central Devonian deposits in Tuva-ASSR

Periodical : Dok. AN SSSR 98/5, 833-836, Oct 11, 1954

Abstract : Geological-stratigraphic data regarding the expansion of Central Devonian deposits discovered in Tuva-ASSR are presented.

Institution : Academy of Sciences USSR, Institute of Geological Sciences

Presented by : Academician D. I. Shcherbakov, June 22, 1954

LEVENKO, A.I.

Age of salt-bearing deposits in the region of the Tus-Tag Mountain
(Tuva). Izv.AN SSSR. Ser.geol. 20 no.3:83-91 My-Je '55. (MIRA 8:9)
(Tus-Tag Mountain—Salt)

Levenko, A. I.

USSR/ Geology - Paleontology

Card 1/1 Pub. 22 - 40/54

Authors : Levenko, A. I., and Protopopova, M. V.

Title : Fauna in effusion-sedimentation deposits of the south-eastern edge of the Tuvinsk mountain range

Periodical : Dok. AN SSSR 106/2, 324-327, Jan 11, 1956

Abstract : Geological data are presented on the fauna discovered in effusive-sedimentation rocks along the south-eastern border of the Tuvinsk mountain range in the USSR. Three USSR references (1938-1955).

Institution : Acad. of Sc., USSR, Inst. of Geol. Sc.

Presented by: Academician N. M. Strakhov, July 4, 1955

LEVENKO, A.L.

New data on the age of the halide deposits of Tuva (Devonian period). Dokl. AN SSSR 109 no.5:1015-1018 Ag. 1956. (MLRA 9:10)

1. Geologicheskii institut Akademii nauk SSSR. Predstavleno akademikom N.M. Strakhovym.

(Tuva Autonomous Province--Geology, Stratigraphic)

LEVENKO, Anatoliy Ivanovich; VARENTSOV, M.I., otv.red.; PERSHINA,
Ye.G., red.isd-va; NOVICHKOVA, N.D., tekhn.red.

[Devonian in central and southern Tuva] Devon iuzhnoi i
tsentral'noi Tuvy. Moskva, Izd-vo Akad.nauk SSSR, 1960.
156 p. (MIRA 14:2)

1. Chlen-korrespondent AN SSSR (for Varentsov).
(Tuva Autonomous Province--Geology, Stratigraphic)

VARENTSOV, M.I.; LEVENKO, A.I.

Permian of the Turan Plateau. Dokl. AN SSSR 153 no.2:
420-423 N '63. (MIRA 16:12)

1. Institut geologii i razrabotki goryuchikh iskopayemykh.
2. Chlen-korrespondent AN SSSR (for Varentsov).

VARENTSOV, M. I.; DITMAR, V. I.; BOROSHKO, S. M.; KURENKOV, N. T.; LEVITKO, A. I.
RYABUKHIN, G. Ye.

"Tectonics of oil- and gas bearing depressions in Middle and Central Asia
and in adjacent regions of Siberia and the Far East."

report submitted for 22nd Sess, Intl Geological Cong, New Delhi, 14-22 Dec
1964.

VARENTSOV, M.I.; LEVENKO, A.I.

Disjunctive dislocations in the Khiva-Murgab Depression. Dokl. AN SSSR
158 no.5:1085-1089 0 '64. (MIRA 17:10)

1. Institut geologii i razrabotki goryuchikh iskopayemykh. 2. Chlen-
korrespondent AN SSSR (for Varentsov).

LEVENKO, L.S.

Improving the rake conveyor. Sakh. prom. 31 no.2:46 P '57.

(MLRA 10:4)

1. Timashevskiy sakharney zavod.
(Conveying machinery)

BAGRIY, L.P.; LEVENKO, N.A.

Dynamics of the changes of some physiological indices in cyclists
participating in marathon races of several days. Sbor. trud.
Azerb. nauch.-issl. inst. kur. i fiz. metod. lech. no.9;
149-154 '63. (MIRA 18:8)

LEVENKO, I. I.		PROCESSING AND PROPERTIES INDEX	
1A		27	
Preparing pig skins for the removal of hair. M. K. Litsvinov and P. I. Leyshin. <i>Khimiya-Obozrazheniya</i> from S. S. S. R. No. 8, 53(1936). The wet pig skins contg. 35-37% H₂O are washed with running water at 15-18° for 1.5-2.0 hrs. and left in the drum (with water) for 20-4 hrs. at a liquid factor of 2; this increases the amt. of water in the skins to 55-60%. Then the flesh is removed and the skins are treated in a sulfite or a soda soln. Details of the method are given. A. A. B.			
100-55A METALLURGICAL LITERATURE CLASSIFICATION			
100-55A		100-55A	
100-55A		100-55A	

LEVENKO, P. I.

"An Investigation of an Accelerated Method of Tanning Unchromated Rawhide With Oak Extracts During the Preparation of Leather for Shoe Soles." Cand Tech Sci, Moscow Technological Inst of Light Industry imeni L. M. Kaganovich, 30 Nov 54. (VM, 18 Nov 54)

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SO: Sum. No. 521, 2 Jun 55

LEVENKO, I. I.

Salt treatment of hides. P. I. Levenko and S. V. Arbutov.
Lezhaya Prom. 14, No. 8, 30-31 (1964). Compared with acid
pickling, treatment in solns. of ammonium sulfate or other
salting-out salts has the following advantages: pH of the
section is equal to 6 (close to isoelec. point), penetration of
tannins is more intensive and their distribution is more uni-
form, and strength of fibrous structure is increased, particu-
larly on face. More com. experience is desired. B. Z. K.

LEVENKO, P.I.; CHERNOV, N.V.

New developments in stiff and Russian leather tanning. Leg.prom.
15 no.9:38-40 S '55. (MIRA 9:1)
(Tanning)

Л. С. К. Р. Т

Handwritten mark

Depilating liquid P. I. Lysenko and V. I. Chernov
U.S.S.R. 103,021, 103,022, 103,023, 103,024 To hasten the depilation
process, Na_2CO_3 , calcined soda and other depilating agents
are added to the depilating bath among the usual ingredi-
ents, such as lime and Na_2S *Handwritten mark*

LEVENKO, P.I., kandidat tekhnicheskikh nauk.

Improving methods of rapid sole leather tanning. Leg.prom.17 no.3:
13-16 Mr '57. (MLRA 10:4)
(Tanning)

~~LEVENKO, P.I.~~
LEVENKO, P.I., kand. tekhn. nauk.

Leather stuffing with greater use of comparable substitutes for
natural greases. Leg. prom. 17 no.10:10-12 0 '57. (MIRA 10:12)
(Leather industry) (Substitute products)

LEVENKO, P.I., kand.tekhn.nauk

Using synthetic greasing materials in the leather industry.

Izv. vys. ucheb. zav.; tekhn. leg. prom. no.3:68-74 '58.

(MIRA 11:10)

1. Upravleniye legkoy promyshlennosti Moskovskogo gorodskogo
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(Oils and fats)

(Leather)

LEVENKO, P.I.

Specialisation of the shoe industry of Moscow City Economic region.
Leg. prom. 18 no.3:6-7 Mr '58. (MIRA 11:4)

1. Nashal'nik Upravleniya obuvnoy i koshevennoy promyshlennosti
Moskovskogo gorodskogo sovnarkhosa.
(Moscow--Shoe industry)